PCT	For	r receiving Office use only	
101	I		
	International Application	on No.	
REQUEST			
	International Filing Da	ate	
The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.	Name of receiving Off	fice and "PCT International Application"	
	Applicant's or agent's (if desired) (12 charact	file reference ters maximum) 1492	
Box No. I TITLE OF INVENTION			
PROCESS FOR PRODUCING VINYL PERI	FLUOROALKANES	ULFONATE DERIVATIVE	
Box No. II APPLICANT This perso	n is also inventor		
Name and address: (Family name followed by given name: for a legal ent. The address must include postal code and name of country. The country of t. Box is the applicant's State (that is, country) of residence if no State of residen	he address indicated in this	Telephone No. 03-3282-0036	
KYOWA HAKKO KOGYO CO., LTD.		Facsimile No. 03-3282-1527	,
6-1, Ohtemachi 1-chome, Chiyo	da-ku,	Teleprinter No.	
Tokyo 100-8185 Japan		Applicant's registration No. with the Offi	ice
State (that is, country) of nationality: JP	State (that is, country)) of residence: JP	
	ed States except	the United States of America only the States indicated the Supplemental B	
Box No. III FURTHER APPLICANT(S) AND/OR (FURT	HER) INVENTOR(S)		
Name and address: (Family name followed by given name; for a legal en. The address must include postal code and name of country. The country of	tity, full official designation.	This person is:	
Box is the applicant's State (that is, country) of residence if no State of resident KATO Sachiko	ice is indicated below.)	applicant only	
c/o Head Office		applicant and inventor	
KYOWA HAKKO KOGYO CO., LTD.		inventor only (If this check-box is marked, do not fill in below.)	
6-1, Ohtemachi 1-chome, Chiy Tokyo 100-8185 Japan	oda-ku,	Applicant's registration No. with the Off	īce
	10		
State (that is, country) of nationality: JP	State (that is, country,	of residence: JP	
This person is applicant for the purposes of: all designated all designated the United States	ed States except States of America	the United States of America only the States indicated the Supplemental E	
Further applicants and/or (further) inventors are indicated	on a continuation sheet.		
Box No. IV AGENT OR COMMON REPRESENTATIVE	E; OR ADDRESS FOR	R CORRESPONDENCE	
The person identified below is hereby/has been appointed to act of the applicant(s) before the competent International Authoritie	on behalf sas:	agent common representative	
Name and address: (Family name followed by given name; for a legal en. The address must include postal code and name of a	tity, full official designation.	Telephone No.	
	.ounur y.)		
	ourur y. j	Facsimile No.	
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	ouu y,		-
Address for correspondence: Mark this check-box where		Teleprinter No. Agent's registration No. with the Office	-

Sheet No. .2

Continuation of Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)					
If none of the following sub-boxes is used, this sheet should not be					
Name and address: (Family name followed by given name: for a legal entity, from the address must include postal code and name of country. The country of the address must include postal code and name of country. The country of the address must include postal code and name of country. The country of the address must include postal code and name of country. The country of the address is the applicant is state (that is, country) of nationality: State (that is, country) of nationality: State It	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office State (that is, country) of residence: JP ates except of America the United States the States indicated in the Supplemental Box				
Name and address: (Family name followed by given name; for a legal entity, fi The address must include postal code and name of country. The country of the ac Box is the applicant's State (that is, country) of residence if no State of residence is SUZUKI Koji c/o Sakai Research Laboratories	dress indicated in this indicated below.) applicant only				
KYOWA HAKKO KOGYO CO., LTD. 1-53, Takasu-cho 1-cho, Sakai-s	inventor only (If this check-box is marked, do not fill in below.)				
Osaka 590-8554 Japan					
State (that is, country) of nationality: JP	State (that is, country) of residence: JP				
This person is applicant all designated for the purposes of: all designated States the United States					
Name and address: (Family name followed by given name: for a legal entity, fi The address must include postal code and name of country. The country of the au Box is the applicant's State (that is, country) of residence if no State of residence is	dragg indicated in this				
See Alacia V					
State (that is, country) of nationality:	State (that is, country) of residence:				
This person is applicant all designated for the purposes of: all designated States all designated States					
Name and address: (Family name followed by given name; for a legal entity, f The address must include postal code and name of country. The country of the a Box is the applicant's State (that is, country) of residence if no State of residence is	ddrass indicated in this				
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This person is applicant all designated all designated for the purposes of:	ates except the United States the States indicated in the Supplemental Box				
Further applicants and/or (further) inventors are indicated on another continuation sheet.					

В	ox No.	. V DESIGNATION OF STATES	Mark the applicable check-boxes below; at least one must be marked.			
The following designations are hereby made under Rule 4.9(a):						
		nal Patent				
	AP	State which is a Contracting State of	Gambia, KE Kenya, LS Lesotho, MW Malawi, MZ Mozambique, SD Sudan, United Republic of Tanzania, UG Uganda, ZM Zambia, ZW Zimbabwe, and any other the Harare Protocol and of the PCT (if other kind of protection or treatment desired,			
X	EA	Eurasian Patent: AM Armenia, AZ	Azerbaijan, BY Belarus, KG Kyrgyzstan, KZ Kazakhstan, MD Republic of Moldova, TM Turkmenistan, and any other State which is a Contracting State of the Eurasian			
	EP	IE Ireland, IT Italy, LU Luxembourg.	elgium, BG Bulgaria, CH & LI Switzerland and Liechtenstein, CY Cyprus, CZ Czech k, EE Estonia, ES Spain, FI Finland, FR France, GB United Kingdom, GR Greece, MC Monaco, NL Netherlands, PT Portugal, SE Sweden, SI Slovenia, SK Slovakia, is a Contracting State of the European Patent Convention and of the PCT			
1X	OA	OAPI Patent: BF Burkina Faso, BJ GA Gabon, GN Guinea, GQ Equator TD Chad, TG Togo, and any other Sta	Benin, CF Central African Republic, CG Congo, CI Côte d'Ivoire, CM Cameroon, rial Guinea, GW Guinea-Bissau, ML Mali, MR Mauritania, NE Niger, SN Senegal, ate which is a member State of OAPI and a Contracting State of the PCT (if other kina cify on dotted line)			
N	ation	· · · · · · · · · · · · · · · · · · ·	r treatment desired, specify on dotted line):			
X	AE	United Arab Emirates				
X	AG		GM Gambia NZ New Zealand			
X	AL.	Albania	HU Hungary PH Philippines			
. (4)	AIVI.	Armenia	ID Indonesia Mari Poland			
X	AT.	Austria	H. Israel			
Į,	IAU.	Australia	IN India			
10	IAZ.	Azerbaijan	IS Iceland X RII Russian Federation			
IA.	BA :	Bosnia and Herzegovina	JP Japan			
	BB	Barbados	KE Kenya SC Seychelles KG Kyrgyzstan SD Sudan			
X	BG:	Bulgana	KG Kyrgyzstan			
	DK.	Belarus	KP Democratic People's Republic SE Sweden			
	RZ :	Relize	of Korea			
X	CA	Canada	KZ Kazakhstan X SL Sierra Leone			
		& LI Switzerland and Liechtenstein	I.C. Saint Lucia			
X	CN	China	LC Saint Lucia TJ Tajikistan LK Sri Lanka TM Turkmenistan			
X	CO	Colombia	LR Liberia			
X	CR	Costa Rica	LS Lesotho			
X	CU (Cuba	LT Lithuania TT Trinidad and Tobago			
X	CZ	Czech Republic	LU Luxembourg			
		Germany				
		Denmark	MA Morocco			
		Dominica	MD Republic of Moldova			
	DZ .	Algeria	I TIC Timing Control of Amendo			
	EC I	Ecuador	MG Madagascar			
	FC (Spain	MK The former Yugoslav Republic of UZ Uzbekistan			
X	RI I	Finland	- C Sumt vincent and the Orenautics			
X	GB	United Kingdom	MN Mongolia WWMalawi WU Yugoslavia			
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. 🗶	GH (Ghana	NO Norway Zwinbabwe			
	ICCK-D	Republic of Nicaragua	ates which have become party to the PCT after issuance of this sheet:			
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ex	Precautionary Designation Statement: In addition to the designations made above, the applicant also makes under Rule 4.9(b) all other designations which would be permitted under the PCT except any designation(s) indicated in the Supplemental Box as being excluded from the scope of this statement. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. (Confirmation (including fees) must reach the receiving Office within the 15-month time limit.)					

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Sheet	NI.	•		7		
SHEEL	IVU.		_	_	_	

Box No. VI PRIORITY CLAIM						
The priority of the following	earlier application(s) is herel	by claimed:				
Filing date of earlier application	Number of earlier application	Where earlier application is:				
(day/month/year)		national application: country	regional application:* regional Office	international application:		
item (1)	Patent Application					
20.06.02	No. 2002-179616	JP				
item (2)						
				,		
item (3)						
item (4)						
item (5)						
				• , .		
Further priority claims	are indicated in the Suppleme	ental Box.				
The receiving Office is required if the earlier application was above as:	ested to prepare and transmit tfiled with the Office which for	to the International Bureau the purposes of this interna	a certified copy of the e	arlier application(s) (only ecciving Office) identified		
X all items item	(1) item (2)	item (3) item	(4)	other, see Supplemental Box		
* Where the earlier applicati Industrial Property or one M	on is an ARIPO application, in Tember of the World Trade Or	ndicate at least one country ganization for which that e	party to the Paris Conve arlier application was fil			
Do- No VIII INTERDALAT						
BOX NO. VII INTERNAT	TONAL SEARCHING AUT	THORITY				
,	arching Authority (ISA) (if to the Authority chosen; the two	wo or more International S -letter code may be used):	earching Authorities are	competent to carry out the		
ISA/JP	• • • • • • • • • • • • • • • • • • • •	•••••	· · · · · · · · · · · · · · · · · · ·	• • • • • • • • • • • • • • • • • • • •		
Request to use results of ea International Searching Auth	rlier search; reference to t	hat search (if an earlier se	arch has been carried ou	t by or requested from the		
Date (day/month/year)	Numb	per Count	try (or regional Office)			
			,			
Box No. VIII DECLARA	ΓIONS					
The following declarations are contained in Boxes Nos. VIII (i) to (v) (mark the applicable Number of check-boxes below and indicate in the right column the number of each type of declaration): declarations						
Box No. VIII (i)	Declaration as to the identit	y of the inventor		:		
Box No. VIII (ii)	Declaration as to the applied date, to apply for and be grant	cant's entitlement, as at the ranted a patent	e international filing	· · · · · · · · · · · · · · · · · · ·		
Box No. VIII (iii)	Declaration as to the appli date, to claim the priority	icant's entitlement, as at the of the earlier application	ne international filing	:		
Box No. VIII (iv)	Declaration of inventorship United States of America)	p (only for the purposes of	the designation of the	:		
Box No. VIII (v)	Declaration as to non-preju	udicial disclosures or excep	ptions to lack of novelty	:		

		5
Sheet	No	

Box No. IX CHECK LIST; LANGUAGE OF FILING					
This international application contains: (a) the following number of sheets in paper form:	This international application is accompanied by the following item(s) (mark the applicable check-boxes below and indicate in right column the number of each item):	Number of items			
request (including	1. fee calculation sheet	1			
donomination (assolutions	2. original separate power of attorney	5 5 5			
description (excluding sequence listing part) : 25	3. original general power of attorney				
claims : 8	4. copy of general power of attorney; reference number, if any:	,			
abstract : 1	5. statement explaining lack of signature	-			
drawnigs	6. priority document(s) identified in Box No. VI as	,			
Sub-total number of sheets: 39 sequence listing part of	item(s):	:			
description (actual number of sheets if filed in paper	7. translation of international application into (language):	:			
form, whether or not also filed in computer readable 0	8. separate indications concerning deposited microorganism or other biological material	· •			
form; see (b) below) : Total number of sheets : 39	9. sequence listing in computer readable form (indicate also type and number of carriers (diskette, CD-ROM, CD-R or other))				
(b) sequence listing part of description filed in computer readable form	(i) copy submitted for the purposes of international search under Rule 13 <i>ter</i> only (and not as part of the				
(i) only (under Section 801(a)(i))	international application)	:			
(ii) ☐ in addition to being filed in paper form (under Section 801(a)(ii))	(ii) (only where check-box (b)(i) or (b)(ii) is marked in left column) additional copies including, where applicable, the copy for the purposes of international search under	.`			
Type and number of carriers (diskette, CD-ROM, CD-R or other) on which the	Rule 13ter	:			
sequence listing part is contained (additional copies to be indicated under item 9(ii), in	(iii) together with relevant statement as to the identity of the copy or copies with the sequence listing part				
right column):	mentioned in left column	:			
T1	10. other (specify):	:			
Figure of the drawings which should accompany the abstract:	Language of filing of the international application: Japanese				
	T, AGENT OR COMMON REPRESENTATIVE graing and the capacity in which the person signs (if such capacity is not obvious from read	ing the request).			
KYOWA HAKKO KOGYO	KATO Sachiko SUZUKI Ko	ii			
CO., LTD (Sealed)		aled)			
	CULTO T				
	CHUJO Iwao (Sealed)	•			
	(Sealed)				
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Date of actual receipt of the purported international application:	2. Di	rawings:			
3. Corrected date of actual receipt due to later	but	received:			
timely received papers or drawings complet the purported international application:	ing				
Date of timely receipt of the required corrections under PCT Article 11(2):		not received:			
5. International Searching Authority (if two or more are competent): ISA /	6. Transmittal of search copy delayed until search fee is paid				
	For International Bureau use only	,			
Date of receipt of the record copy by the International Bureau:					